PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Notification of Tran	smittal of International Search Report		
PCT 306	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing dat	c (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/KR 03/00665	3 April 2003 (03.04.2003)				
Applicant					
KOREA ADVANCED INST	ITUTE OF SCIEN	ICE AND TECHN	OLOGY		
This international search report has baccording to Article 18. A copy is be	peen prepared by this In ging transmitted to the I	ternational Searching Anternational Bureau.	Authority and is transmitted to the applicant		
This international search report cons		sheets.			
lt is also accompa	anied by a copy of each	prior art document cité	ed in this report.		
Basis of the report a. With regard to the langual language in which it was	ge, the international sea filed, unless otherwise	arch was carried out on indicated under this iter	the basis of the international application in the m.		
Authority (Rule 23.1	(b)).		of the international application furnished to this		
b. With regard to any nucleo search was carried out on	otide and/or amino aci the basis of the sequenc	d sequence disclosed in the listing:	n the international application, the international		
contained in the inter	national application in	written form.			
filed together with th	e international applicat	ion in computer readab	le form.		
furnished subsequent	tly to this Authority in v	vritten form.			
furnished subsequent	tly to this Authority in o	computer readable form	1.		
the statement that the international application a	e subsequently furnishe is filed has been furnish	d written sequence listi ed.	ng does not go beyond the disclosure in the		
the statement that the been furnished.	e information recorded	in computer readable fo	orm is identical to the written sequence listing has		
2. Certain claims wer	e found unsearchable	(See Box I).			
3. Unity of invention i	is lacking (See Box II).				
4. With regard to the title,					
the text is approved	as submitted by the app	olicant.			
the text has been est	ablished by this Author	rity to read as follows:			
5. With regard to the abstract,					
the text is approved	as submitted by the app	plicant.			
the text has been es within one month f	tablished, according to rom the date of mailing	Rule 38.2(b), by this A of this international se	uthority as it appears in Box III. The applicant may, arch report, submit comments to this Authority.		
6. The figure of the drawings to	o be published with the	abstract is Figure No.:	_1		
as suggested by the	applicant.		None of the figures.		
because the applica	unt failed to suggest a fig	gurc.			
because this figure	better characterizes the	invention.			
i					

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR 03/00665-0

	SSIFICATION OF SUBJECT MATTER				
	12N 15/87				
According	to International Patent Classification (IPC) or to both nation	nal classification and IPC			
B. FIEL	DS SEARCHED documentation searched (classification system followed by	classification symbols)			
		olusion e, me e.e.,			
IPC': C	12N 15/87 ation searched other than minimum documentation to the ex	tent that such documents are included in	the fields searched		
Document	ation scarcned other than minimum documentation to the ex				
Electronic	data base consulted during the international search (name o	of data base and, where practicable, searc	h terms used)		
Electronic	data base consumed during the international search (name o				
WPI, C	AS, Medline				
0 000	CUMENTS CONSIDERED TO BE RELEVANT				
-		of the relevant passages	Relevant to claim No.		
Category	Citation of document, with indication, where appropriate, of	of the relevant passages	Troic value to		
X	US 6221959 B1 (KABANOV et al.) 24 al. abstract; column 3, lines 1-20.	1-7,9,10			
×	WO 00/40742 A1 (AMAXA GMBH) 13 claims 1,3,4.	1-3,5,9,10			
A	WO 98/59064 A1 (BOEHRINGER INGE GMBH) 30 December 1998 (30.12.98) claims 1-9.	1-11			
A	WO 02/43769 A2 (AVENTIS PHARMA) INC.) 6 June 2002 (06.06.02) claims 1,4,6,8,11,13.	1-11			
Α	US 5714166 A (TOMALIA et al.) 3 Fel abstract; column 43, lines 52-64.	1			
1					
	Lived in the particulation of Box C	See patent family annex.			
* Spec "A" docu cons "E" earli filin "L" docu cite spec "O" doc mea "P" docu	rther documents are listed in the continuation of Box C. rial categories of cited documents: ment defining the general state of the art which is not idered to be of particular relevance er application or patent but published on or after the international g date ment which may throw doubts on priority claim(s) or which is d to establish the publication date of another citation or other rial reason (as specified) ument referring to an oral disclosure, use, exhibition or other ms ument published prior to the international filing date but later than priority date claimed	"T" later document published after the interm date and not in conflict with the application the principle or theory underlying the inv. X" document of particular relevance; the classification of the considered novel or cannot be considered when the document is taken alone "Y" document of particular relevance; the classification of particular relevance; the classification of the considered to involve an inventive step combined with one or more other such the being obvious to a person skilled in the "&" document member of the same patent for	on but cited to understand vention is imed invention cannot be if to involve an inventive step aimed invention cannot be when the document is documents, such combination art untily		
Date of	the actual completion of the international search	Date of mailing of the international sea	Date of mailing of the international search report		
	10 October 2003 (10.10.2003)	4 November 2003 (04.11.2003)			
Name :	and mailing adress of the ISA/AT	Authorized officer			
Austi	rian Patent Office	MOSSER R.			
Dres	dner Straße 87, A-1200 Vienna				
Facsin	nile No. 1/53424/535	Telephone No. 1/53424/437			
Form	PCT/ISA/210 (second sheet) (July 1998)				

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/KR 03/00665-0

	Patent document cited in search report		Publication date	Patent family member(s)			Publication date
US	IS A 5714166	CA		С	1316524	1993-04-20	
U.S	^	3,14100		CA	С	1316456	1993-04-20
				CA	С	1316364	1993-04-20
				МО	Α	881639	1988-06-19
				IL	A	128775	2001-05-20
				IL	Α	128774	2001-05-20
US	A	6221959		US	A	2003198678	2003-10-23
-		022233		JР	T	2003526692T	2003-09-0
				US	В	6440743	2002-08-2
				RU	С	2175337	2001-10-2
				NZ	Α	297164	2000-01-2
				us	В	6359054	2002-03-1
WO	A	040742				none	
WO	A	243769				none	
WO	A	9859064	1998-12-30	JP	T	2002506441T	2002-02-2
	•-			US	Α	2001005717	2001-06-2
				EP	A	1003897	2000-05-3
				UA	Α	8338598	1999-01-0
				DE	Α	19726186	1998-12-2